



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

5070486  
**RBEM631V3027101-1**  
**Job Sheet 176430-A**

Part No: RBEM631V3027101-1

Job Qty: 4 ea

Part Name: Threaded Half



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 5/11/18

Job Tracking No:

Due Date: 4/30/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG RBEM631V3027101 REV 1 IPP REV A 18.03.05 NEW ISSUE FK VERIFY DP

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off       |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------------|
|       |            |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                |
| 190   | QC         | 4 pcs |            | 4/30/18  | 0.00      | 0.00    | QC6                   |           |                |
| 192   | Powdercoat | 4 pcs |            | 4/30/18  | 0.00      | 0.40    | Powdercoat13          |           | BL 18-5-14.    |
| 194   | QC         | 4 pcs |            | 4/30/18  | 0.00      | 0.00    | QC3                   |           | 38             |
| 200   | Packaging  | 4 pcs |            | 4/30/18  | 0.00      | 0.00    | Packaging3-1          |           | 18-05-18 GA/BS |
| 210   | QC21-SA    | 4 Ea  |            | 4/30/18  | 0.00      | 0.00    | QC21                  |           | cm 18/05/18    |

Part Op 192 - 1- Powder coat YELLOW, FED #13538 2- No powder coat on affected area as per DWG START TIME: 8:30  
Descriptions: OVEN TEMPERATURE: 325 FINISH TIME: 9:00 - M138677.

194 - Ink stamp tool number as per DWG.

DAS  
21  
9-89

MAY 22 2018

### Job BOM

Job BOM records could not be found.

### Job Allocations

Job Allocations could not be found.

### Part Specifications

Specifications could not be found.

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Dart Aerospace Ltd.  
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Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

RBEM631V3027101-1

Job Sheet 176430



Part No: RBEM631V3027101-1

Job Qty: 6 ea

Part Name: Threaded Half



Part Weight: 0 lbs

Status: At Planning

Priority: Medium

Job Created: 4/24/18

Job Tracking No:

Due Date: 4/30/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG RBEM631V3027101 REV 1 IPP REV A 18.03.05 NEW ISSUE FK VERIFY DP

Ship Via:

PEC:  
NEW  
ROUTING

## Bill of Materials

## Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 90    | Start up Operation | 6 Ea  | 4/30/18    | 4/30/18  | 0.00      | 0.00    | Start Up Machining-3  |           |          |
| 120   | Mori Seiki         | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 3.00    | MORI SL2500Y          |           |          |
| 130   | QC                 | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | QC2 Machining-4       |           |          |
| 132   | Mori Seiki         | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | MORI NV5000-2         |           |          |
| 134   | QC                 | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | QC2 Machining-2       |           |          |
| 140   | QC                 | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | QC8 Machining-4       |           |          |
| 170   | Outsource          | 6 pcs | 4/30/18    | 4/30/18  |           |         | GRO002-VC             | 10        |          |
| 180   | Packaging          | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | Packaging2            |           |          |
| 190   | QC                 | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | QC6                   |           |          |
| 192   | Powdercoat         | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.60    | Powdercoat13          |           |          |
| 194   | QC                 | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | QC3                   |           |          |
| 200   | Packaging          | 6 pcs | 4/30/18    | 4/30/18  | 0.00      | 0.00    | Packaging3-1          |           |          |
| 210   | QC21-SA            | 6 Ea  | 4/30/18    | 4/30/18  | 0.00      | 0.00    | QC21                  |           |          |

Part Op 120 - 1-Machine as per folio FB997 FOLIO REV: \_\_\_\_\_ DWG REV: \_\_\_\_\_ 2-Debur

Descriptions: 132 - 1-Machine as per folio FB997 FOLIO REV: \_\_\_\_\_ DWG REV: \_\_\_\_\_ 2-USE FIXTURE DT10394

SAME FIXTURE FOR-1 AND-3 3-Debur

170 - Issue P/O to ALTECH ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required

192 - 1- Powder coat YELLOW, FED #13538 2- No powder coat on affected area as per DWG START TIME: \_\_\_\_\_

OVEN TEMPERATURE: \_\_\_\_\_ FINISH TIME: \_\_\_\_\_

194-Ink Stamp

## Job BOM

| Part / Item   | Component Name        | Quantity            | Operation             | Container |
|---------------|-----------------------|---------------------|-----------------------|-----------|
| M6061T6R2.000 | 6061T6 Round Bar 2.00 | 1.4460 ft (.241 ea) | 90-Start up Operation |           |

## Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | M6061T6R2.000  | 1        | 22        | 0         |

## Part Specifications

Specifications could not be found.



Container No: S067018



Part: RBEM631V3027101-1

Job No: 176430

Serial No/Batch: S067018

Revision: 1

Inspector:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

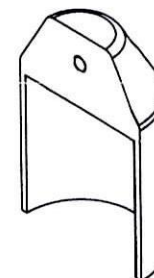
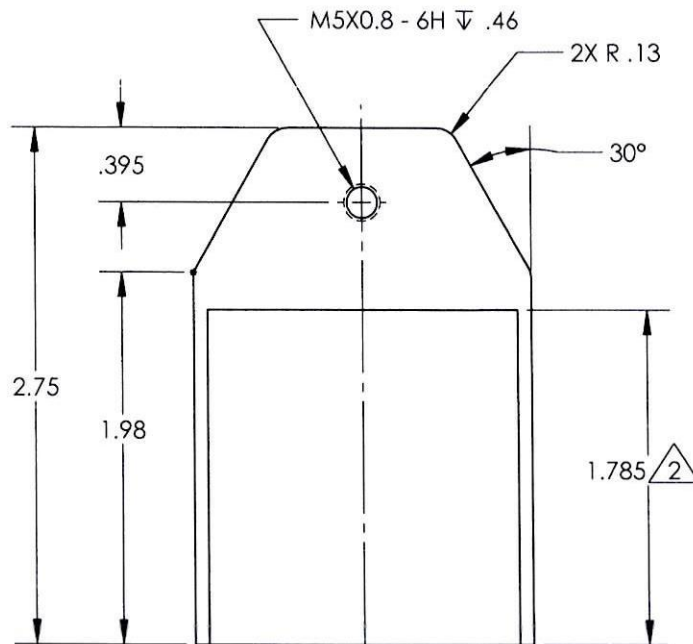
x 4/24/18 7:49 AM dart.logan.david

QW L 7L



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| REVISIONS |     |             |      |         |          |
|-----------|-----|-------------|------|---------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |

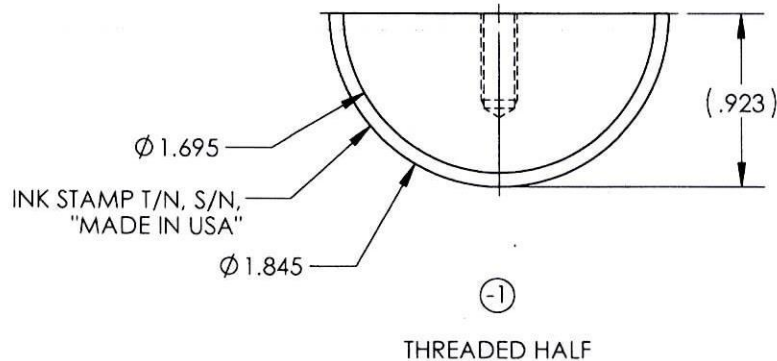


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ENDMENT  
NOTICE

WORK ORDER  
NO. 176430 7L  
20180424

#### NOTES:

- DUAL FINISH:  
1ST: CLEAR ANODIZE  
MIL-A-8625 TYPE II CLASS I.  
2ND: POWDER COAT YELLOW, FED #13538.
- NO POWDER COAT ON THIS SURFACE.



|                                      |                                               |
|--------------------------------------|-----------------------------------------------|
| <b>DART<br/>AEROSPACE</b>            |                                               |
| TITLE<br><b>TORLON BUSH EXCHANGE</b> |                                               |
| DWG NO.<br><b>RBEM631V3027101-1</b>  | REV<br><b>1</b>                               |
| MAT'L 6061                           | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                           | DIMENSIONS ARE IN INCHES                      |
| FINISH SEE NOTE 1                    | .XXX ± .005 FRACTIONS ± 1/8                   |
| SPEC                                 | .XX ± .01 ANGLES ± 5°                         |
|                                      | .X ± .1 SURFACES = 125 ✓                      |
| DRAWN BY: DUERFELDT                  | 1. BREAK ALL SHARP EDGES                      |
| CHECKED: MACKOVJAK                   | .015 x 45° OR .015R                           |
| OPPS APPR: ANDERSON                  | 2. DIMENSIONAL LIMITS APPLY                   |
| QA APPR: LINDSAY                     | AFTER PLATING                                 |
| APPROVED: GILBERT                    | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| SCALE 1:1                            | DATE 3/23/2016                                |
|                                      | SHEET 2 OF 5                                  |

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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039831**

**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**PO No:** PO039831  
**PO Date:** 5/8/18  
**Due Date:** 5/10/18  
**Purchase Order**  
**Revision:**  
**Revision Date:**  
**Ship-To Contact:** Tsimiklis, Chrisoula  
**Phone:**  
**Via:** Ground  
**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

| Items                 |        |                   |                                                                                                                                                                                                                                                                                      |        |          |                |                   |         |                  |                |
|-----------------------|--------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item             | Job    | Part              | Description                                                                                                                                                                                                                                                                          | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 1                     | 176630 | RBT400315-7       | Bolt<br>-Issue P/O to GROUPE ALTECH;<br>PO<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Certificate of Conformity is required | Firmed | 5/10/18  | 10 pcs         | 0 pcs             | 10 pcs  | \$6.6666666/pcs  | \$66.67        |
| Line Item Note *asap* |        |                   |                                                                                                                                                                                                                                                                                      |        |          |                |                   |         |                  |                |
| 2                     | 173761 | RBEM642V4001102-1 | Base Plate<br>-Issue P/O to Groupe Altech: P/O<br>-Zinc plate, ASTM B633 TYPE 1 SC2<br>-Certificate of Conformity is required                                                                                                                                                        | Firmed | 5/10/18  | 4 pcs          | 0 pcs             | 4 pcs   | \$7.50/pcs       | \$30.00        |

*CT*

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5/9/2018

## PURCHASE ORDER

| Items     |        |                   |                                                                                                                                                                           |        |          |                |                   |         |                  |                |
|-----------|--------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job    | Part              | Description                                                                                                                                                               | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 3         | 173764 | RBEM642V4001102-5 | Post 2<br>-Issue P/O to Groupe Altech: P/O<br><br>-Zinc plate, ASTM B633 TYPE 1 SC2<br>-Certificate of Conformity is required                                             | Firmed | 5/10/18  | 4 pcs          | 0 pcs             | 4 pcs   | \$7.50/pcs       | \$30.00        |
| 4         | 173763 | RBEM642V4001102-3 | Post<br>-Issue P/O to Groupe Altech: P/O<br><br>-Zinc plate, ASTM B633 TYPE 1 SC2<br>-Certificate of Conformity is required                                               | Firmed | 5/10/18  | 4 pcs          | 0 pcs             | 4 pcs   | \$7.50/pcs       | \$30.00        |
| 5         | 176430 | RBEM631V3027101-1 | Threaded Half<br>-Issue P/O to ATG:<br><br>-ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant<br>-Certificate of Conformity is required              | Firmed | 5/10/18  | 6 pcs          | 0 pcs             | 6 pcs   | \$8.00/pcs       | \$48.00        |
| 6         | 176431 | RBEM631V3027101-3 | Counterbore Half<br>-Issue P/O to Groupe Altech:<br><br>-ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant<br>-Certificate of Conformity is required | Firmed | 5/10/18  | 5 pcs          | 0 pcs             | 5 pcs   | \$8.00/pcs       | \$40.00        |
| 7         | 173765 | RBEM642V4001102-7 | Block<br>-Issue P/O to Group Altech:<br><br>-ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant<br>-Certificate of Conformity is required             | Firmed | 5/10/18  | 4 pcs          | 0 pcs             | 4 pcs   | \$8.00/pcs       | \$32.00        |

CL

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## Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupaltech.com

## Bon de Livraison / Packing Slip

009132-1

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**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

| Date expédition<br>Ship date |                                                                            | Créé Par<br>Generated By                                                                                                                                                                                                   | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |               |                        |
|------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|---------------|------------------------|
| 11-May-2018                  |                                                                            | Curtis Anderson                                                                                                                                                                                                            |                                                | 39831                                                 |                 |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                                                                                                                       | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 1                            | RBT400315-7<br>Rev.                                                        | RBT400315-7<br>01 -BLACK OXIDE ON SST MIL-DTL-13924C<br>BLACK OXIDE FINISH MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3<br>CLASS 1<br>OR MIL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS | OXIDE-BLACK<br>CH                              | 10                                                    | 10              | 0                 | 0             | 0                      |
| 2                            | RBEM642V4001102-1<br>Rev.                                                  | RBEM642V4001102-1<br>01 -ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS<br>ZINC PLATE ASTM B633 TYPE 1 SC2                                                                                                                   | ZINC<br>CH                                     | 4                                                     | 4               | 0                 | 0             | 0                      |
| 5                            | RBEM631V3027101-1<br>Rev.                                                  | RBEM631V3027101-1<br>01 -ANO-CLEAR [ANODIZE CLEAR]<br>CLEAR ANODIZE PER IAW MIL-A-8625F TYPE 2 CLASS 1<br>WATER SEALANT.                                                                                                   | ANODIZE<br>CH                                  | 6                                                     | 6               | 0                 | 0             | 0                      |
| 6                            | RBEM631V3027101-3<br>Rev.                                                  | RBEM631V3027101-3<br>01 -ANO-CLEAR [ANODIZE CLEAR]<br>CLEAR ANODIZE PER IAW MIL-A-8625F TYPE 2 CLASS 1<br>WATER SEALANT.                                                                                                   | ANODIZE<br>CH                                  | 5                                                     | 5               | 0                 | 0             | 0                      |
| 7                            | RBEM642V4001102-7<br>Rev.                                                  | RBEM642V4001102-7<br>01 -ANO-CLEAR [ANODIZE CLEAR]<br>CLEAR ANODIZE PER IAW MIL-A-8625F TYPE 2 CLASS 1<br>WATER SEALANT.                                                                                                   | ANODIZE<br>CH                                  | 4                                                     | 4               | 0                 | 0             | 0                      |
| 8                            | RBT400313-9<br>Rev.                                                        | RBT400313-9<br>01 -OXIDE BLACK [OXIDE BLACK]<br>MIL-C-13924C CLASS 1                                                                                                                                                       | OXIDE-BLACK<br>CH                              | 8                                                     | 8               | 0                 | 0             | 0                      |
| 9                            | RBT18547-1<br>Rev.                                                         | RBT18547-1<br>01 -ANO-RED [ANODIZE RED]<br>PER IAW MIL-A-8625 TYPE 2 CLASS 2<br>WATER SEALANT                                                                                                                              | ANODIZE<br>CH                                  | 10                                                    | 10              | 0                 | 0             | 0                      |
| 10                           | 269T9310-3<br>Rev.                                                         | 269T9310-3<br>01 -ZINC-YELLOW [ZINC YELLOW]<br>OLD YELLOW CHROMATE<br>ZINC PLATE ASTM B633 TYPE 2 SC2                                                                                                                      | ZINC<br>CH                                     | 5                                                     | 5               | 0                 | 0             | 0                      |





# Certificat de Conformité / Certificate of Compliance



## Bon de Livraison / Packing Slip

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Tel: 514-335-3666 Fax: 514-335-3868  
www.groupaltech.com

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HAWKESBURY, ON, K6A1K7  
CANADA  
Tel.: 613-632-5200 Fax.:

Client / Customer:

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CANADA  
BUYER:

|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|------------------------------|---------------------------------------------------------------------------|--------------------------|----------------------|------------------------------------------------|--------------|-------------------------------------------------------|-----------------|---------------------------------------------|--|---------------|------------------------|
| Date expédition<br>Ship date |                                                                           | Créé Par<br>Generated By |                      | Transport / No de Compte<br>Courier / Acc. No. |              | Bon de commande Client<br>Customer Purchase Order No. |                 |                                             |  |               |                        |
| 11-May-2018                  |                                                                           | Curtis Anderson          |                      |                                                |              | 39831                                                 |                 |                                             |  |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number /Line Item Details<br>Job # / Ref # |                          | Description pièce(s) |                                                | CATG.<br>U/M | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Quantités / Quantities<br>Qté NC/<br>NC Qty |  | Qté<br>Scrap/ | À venir/<br>Back Order |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
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|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
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|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
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|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
|                              |                                                                           |                          |                      |                                                |              |                                                       |                 |                                             |  |               |                        |
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